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## RAW SEQUENCE LISTING

DATE: 09/21/2001

PATENT APPLICATION: US/09/446,808

TIME: 18:47:15

Input Set : A:\ES.txt

Output Set: N:\CRF3\09212001\I446808.raw

ENTERED

5 <110> APPLICANT: Kupper, Jan-Heiner  
7 Burkle, Alexander  
9 Gool, Leon Van  
11 Hausen, Harald Zur  
15 <120> TITLE OF INVENTION: Mammal with Inhibition of the Poly(ADP Ribose)Polymerase and  
Method for  
16 Using Same to Identify Cancerigenic Agents  
20 <130> FILE REFERENCE: 4121-115  
24 <140> CURRENT APPLICATION NUMBER: US 09/446,808  
26 <141> CURRENT FILING DATE: 2000-07-21  
30 <150> PRIOR APPLICATION NUMBER: PCT/DE98/01797  
32 <151> PRIOR FILING DATE: 1998-06-24  
36 <150> PRIOR APPLICATION NUMBER: German Application No. 197 26 702.5  
38 <151> PRIOR FILING DATE: 1997-06-24  
42 <160> NUMBER OF SEQ ID NOS: 5  
46 <170> SOFTWARE: PatentIn version 3.1  
50 <210> SEQ ID NO: 1  
52 <211> LENGTH: 2010  
54 <212> TYPE: DNA  
56 <213> ORGANISM: Homo sapiens  
60 <220> FEATURE:  
62 <221> NAME/KEY: misc\_feature  
64 <222> LOCATION: (1)..(2010)  
66 <223> OTHER INFORMATION: Ava I fragment of the human cytokeratin promoter  
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75 gctccagat cctctggat atagcaccct ctccagtga cagacctcc ccttgcccca 180  
77 cagccaacag caacatgcct cccaacaaag catctgtccc tcagccaaaa cccctgttgc 240  
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81 ttaggagtgt ctgtcagggg cgggtggagc ggggtggggc cctggcttac tcacatcctt 360  
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85 cttccaagct cctaggccac agtagtgggg cgtcccttc tctggttct tctttggtga 480  
87 cagtcaaggt ggggttgggg gtgacgaagg gtctgtctc tcttctagga gcagttgatc 540  
89 ccaggaagag cattggagcc tccagcaggg gctgttgggg cctgtctgag gagataggat 600  
91 gcgtcaggca gcccagaca cgatcacatt cctctcaaca tgccgtccgg ggtctgtgga 660  
93 gccgaggggc tgatgggagg gtgggggtgg ggccggaagg gtttgctttg ggaggttgtc 720  
95 tgggagattg ctgaagtttt gatatacaca cctccaaagc aggaccaagt ggactcctag 780  
97 aaatgtcccc tgacccttgg ggcttcagga gtcagggacc ctctgttcca cctcagcctt 840  
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101 agttccacaa ggggctcaaa cgagggcacc tgagctgccc aactaggga tgttctgggg 960  
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105 cagctccagc cactttgggg ctaagcctga gcaataacaa tgccaacgag gcttcttgcc 1080  
107 atactcgggt taaaaaccc ttatcatata ttgtcgatt ggattctcag agctgactgc 1140  
109 actaagcaga atagatggtg tgactccac ttgtcagat agaacactga ggtcagaga 1200  
111 agtgcaagc cctgggtcac agaggcgtaa atgcagagcc aggaccacc tgaagaccca 1260  
113 cctgactcca ggatgtttcc tgctccatg aggccacct ccctatggtg tgggtggatg 1320  
115 gagatcctca ccatagggag gagattaggg tctgtgctca gggctgggga gaggtgcctg 1380

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SEQUENCE LENGTH 1600/2900

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121 ccagacctcc ttgtctctaa tagagggtca tggtagggga ggctgtctg tgcccaaggt 1560
123 gaccttgcca tgccgggtgct ttccagccgg gtatccatcc cctgcagcag caggcttcc 1620
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133 gacagacatg atgaggcgga tgagaggagg gacctgcctg ggagttggcg ctagcctgtg 1920
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137 gcactcgcat ccctttgcaa tttacccgag 2010
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142 <211> LENGTH: 1161
144 <212> TYPE: DNA
146 <213> ORGANISM: Homo sapiens
150 <220> FEATURE:
152 <221> NAME/KEY: misc_feature
154 <222> LOCATION: (1)..(1161)
156 <223> OTHER INFORMATION: DNA-binding domain of the human poly(ADP ribose)polymerase
160 <400> SEQUENCE: 2
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165 gactcgctcc ggatggccat catggtgcag tcgccatgt ttgatggaaa agtcccacac 180
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185 gatagtaagc ttgaaaaagc cctaaaggct cagaacgacc tgatctggaa catcaaggac 780
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189 caagtgcctt ctggggagtc ggcgatcttg gaccgagtag ccgatggcat ggtgttcggt 900
191 gccctccttc cctgcgagga atgctcgggt cagctggtct tcaagagcga tgcctattac 960
193 tgcactgggg acgtcactgc ctggaccaag tgtatggtca agacacagac acccaaccgg 1020
195 aaggagtggt taacccccaaa ggaattccga gaaatctctt acctcaagaa attgaaggtt 1080
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199 ccctccacag cctcggccta g 1161
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204 <211> LENGTH: 486
206 <212> TYPE: DNA
208 <213> ORGANISM: Homo sapiens
212 <220> FEATURE:
214 <221> NAME/KEY: polyA_signal
216 <222> LOCATION: (1)..(486)
218 <223> OTHER INFORMATION: PolyA signal of the human cytokeratin promoter
222 <400> SEQUENCE: 3

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223 gcctaggagg ccccccggtg ggacacagat ccactggaa gatccctct cctgccaag      60
225 cacttcacag ctggaccctg cttaccctc acccctcct ggcaatcaat acagcttcac      120
227 tatctgagtt gcataattct cgcctctctc tggtcattgt taggagtggg ggtggggaga      180
229 aagtgggaga agcatctctt tggagcttgt catagcacct ggctatggcc cctgggactg      240
231 ggagaaaagt cctgggggtg ggttgggctc aggtcccagg atatctttcg ccatctcaga      300
233 agacacagat agatgtgtgt accaggtcat atgtggtgtc tcctagggtg cggagggata      360
235 ttcattcatt tactcactca ttttcatgtg tgtccattca ttcaccagat attgagtgcc      420
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248 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
254 <223> OTHER INFORMATION: Synthetic Construct
256 <220> FEATURE:
258 <221> NAME/KEY: primer_bind
260 <222> LOCATION: (1)..(26)
262 <223> OTHER INFORMATION:
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276 <213> ORGANISM: Artificial Sequence
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282 <223> OTHER INFORMATION: Synthetic Construct
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290 <223> OTHER INFORMATION:
294 <400> SEQUENCE: 5
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VERIFICATION SUMMARY

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